Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 30 Jan 2022 until 23:59 on Monday 31 Jan 2022

Forecast Issued on Saturday 29 Jan 2022 at 15:43

Confidence: High for unsettled and very windy with freezing level changeable, but lowering for the detail of timings and durations of worst conditions.

Headline for Sunday 30 Jan 2022: Fair start. Hill fog, rain, summit snow and gales later.

Mountain weather hazards on Sunday 30 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Sleet	Light snow showers (night)
Precipitation probability							
00%	00%	00%	<05%	10%	20%	80%	30%

Forecast for Sunday 30 Jan 2022

Weather: Dry overnight and through the morning with some brighter spells. Cloud thickening from the west from mid-day, to bring patchy rain from around late afternoon, snow across highest peaks. Turning heavy and persistent for a time early evening, before clearing to scattered showers mid to late evening.

Chance of cloud-free hill tops above 600m: 90% becoming 20% late afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in rain, also briefly in later showers, very poor in snow and only a few metres in cloud with bases quite extensive in rain from 500m, sporadically so in later showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 30 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 W	10/17 W	7/9 W	6/8 SW	15/20 SW	21/29 SW	29/41 SW	36/51 W	37/52 W
300	9/17 W	6/11 W	4/6 SW	5/7 S	11/16 SW	15/23 SW	22/33 SW	27/42 W	28/44 W
Valley	7/19 NW	3/10 NW	2/4 S	3/6 SE	8/14 SW	10/22 SW	14/31 SW	21/43 W	22/45 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-5	0/-5	-0/-4	0/-3	1/-4	2/-5	2/-6	2/-6	1/-7
300	3/-0	2/-0	2/-0	2/-0	4/0	4/-0	4/-1	5/-1	4/-3
Valley	3/-0	1/-0	0/-1	1/-0	4/2	5/2	5/0	5/0	4/-1
Freezing Level*	500m	400m	400m	400m	600m	600m	1000m	900m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions later with summit gales winds and hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 29 Jan 2022	1.2mm	1.6mm	8.4mm

Forecast for Monday 31 Jan 2022

Weather: Isolated showers and brighter spells for much of the day, then cloud thickening from the west during the afternoon, bringing periods of rain for the evening, occasionally sleety around highest tops.

Maximum wind: West or northwest beginning mean 30-35mph with gusts to 50mph possible across most exposed ridges and summits, gradually decreasing through the day.

Chance of cloud-free hill tops above 600m: 90% becoming 10% late afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in showers and later rain, very poor in snow and only a few metres in cloud with bases infrequently lowering 500m in showers, becoming widespread in later rain.

Temperature: **Valleys:** Plus 1 Celsius increasing 9 Celsius during the afternoon
At 600m: Zero to plus 2 Celsius
Freezing level: 600-800m later

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